

AMENDMENT TO THE CLAIMS

Please AMEND claims 1, 5 and 8, and CANCEL claims 3 and 7 without prejudice or disclaimer in accordance with the following.

1. (Currently Amended) A portion of a mold apparatus for manufacturing a light guide, comprising:

a stamper configured to define a surface of a light guide; and

a core material portion fixed to said stamper by a fixing structure, wherein said fixing structure comprises at least one fastening member,

wherein said at least one fastening member extends through said core material portion into said stamper, the at least one fastening member is at least one bolt, and the at least one bolt is angled relative to a lower portion of the core material portion.

2-3. (Cancelled)

4. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein said stamper is between 6 and 12 mm thick.

5. (Currently Amended) A method of manufacturing a light guide, comprising:

defining a molding chamber, including defining at least one surface of the molding chamber with a stamper configured to define a surface of a light guide, wherein the stamper is a stamper electrotpe fixedly mounted on a core material portion using at least one fastening member;

molding a molding material in the molding chamber to form a light guide having a surface thereof defined by the stamper; and

forming at least one fastener hole through the core material portion and extending into the stamper electrotpe, the at least one fastening member is a bolt, and the at least one bolt is angled relative to a lower portion of the core material portion.

6-7. (Cancelled)

8. (Currently Amended) The method according to ~~claim 7~~claim 5, wherein the stamper electrotpe is between 6 and 12 mm thick.

9. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein the stamper is a stamper electrotpe.

10. (Previously Presented) The portion of a mold apparatus according to claim 9, wherein the stamper electrotpe is formed from nickel.

11. (Previously Presented) The method according to claim 5, wherein the stamper electrotpe is formed from nickel.

12. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein the stamper and the core material portion form an integral molding device.

13. (Previously Presented) The portion of a mold apparatus according to claim 12, wherein the mold apparatus further comprises a movable core and a movable molding plate that holds the movable core and the integral molding device.

14. (Previously Presented) The method according to claim 5, wherein the stamper and the core material portion form an integral molding device.

15. (Previously Presented) The method according to claim 14, wherein the integral molding device is set in a movable core and a movable molding plate that holds the movable core and the integral molding device.

16. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein the stamper and the core material portion are both formed from nickel.

17. (Previously Presented) The method according to claim 5, further comprising forming both the stamper and the core material portion from nickel.

18. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein the stamper and the core material portion together form a movable core of the mold apparatus.

19. (Previously Presented) The method according to claim 5, wherein the stamper and the core material portion together form a movable core of a mold apparatus.

20. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein a plurality of evenly spaced grooves are formed on a part of a surface of the stamper and a plurality of unevenness grooves are formed on another part of the surface of the stamper.

21. (Previously Presented) The portion of a mold apparatus according to claim 20, wherein the plurality of unevenness grooves are prism shaped.

22. (Previously Presented) The portion of a mold apparatus according to claim 20, wherein a pitch width of the plurality of unevenness grooves substantially ranges between 0.07 mm to 0.08 mm.

23. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein the stamper is configured such that the surface of the light guide defined by the stamper is a surface of the light guide opposite a light emitting surface of the light guide, and wherein the light emitting surface is the surface from which the light from the light guide is emitted toward a display panel.

24. (Previously Presented) The portion of a mold apparatus according to claim 1, wherein a thickness of the core material portion substantially ranges between 20 mm and 30 mm.

25. (Previously Presented) The method according to claim 5, further comprising:
forming a plurality of evenly spaced grooves on a part of a surface of the stamper that defines the surface of the light guide; and

forming a plurality of unevenness grooves on another part of the surface of the stamper.

26. (Previously Presented) The method according to claim 25, wherein the step of forming the plurality of unevenness grooves includes:

forming the plurality of unevenness grooves such that they are prism shaped.

27. (Previously Presented) The method according to claim 25, wherein the step of forming the plurality of unevenness grooves includes:

forming the plurality of unevenness grooves such that a pitch width of the plurality of unevenness grooves substantially ranges between 0.07 mm to 0.08 mm.

28. (Previously Presented) The method according to claim 5, wherein the step defining the surface of the light guide comprises:

defining such that the surface of the light guide defined by the stamper is a surface of the light guide opposite a light emitting surface of the light guide,

wherein the light emitting surface is the surface from which the light from the light guide is emitted toward a display panel.

29. (Previously Presented) The method according to claim 5, wherein the step of defining the molding chamber includes using the core material portion whose thickness substantially ranges between 20 mm and 30 mm.